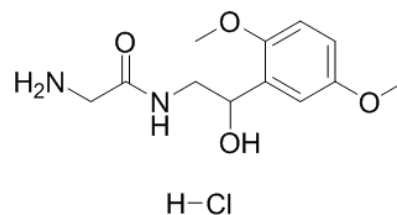


Product Name : Midodrine hydrochloride
Cat. No. : PC-43177
CAS No. : 43218-56-0
Molecular Formula : C₁₂H₁₉ClN₂O₄
Molecular Weight : 290.7433
Target : Adrenergic Receptor
Solubility : 10 mM in DMSO



Biological Activity

Midodrine is a selective α ₁-adrenoceptor agonist that acts as a vasopressor/antihypotensive agent for the treatment of dysautonomia and orthostatic hypotension; activates the alpha-adrenergic receptors of the arteriolar and venous vasculature, producing an increase in vascular tone and elevation of blood pressure; does not stimulate cardiac beta-adrenergic receptors, and diffuses poorly across the blood-brain barrier.

Hypertension
Approved

References

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Pittner H, et al. *Arzneimittelforschung*. 1976;26(12):2145-54.
Kontani H, et al. *Jpn J Pharmacol*. 1992 Apr;58(4):339-46.
Brune ME, et al. *J Urol*. 2001 Oct;166(4):1555-9.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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